

# SMD 2520 Crystal Oscillator

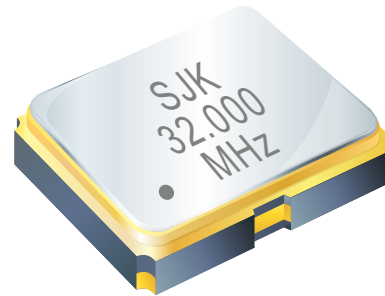


Size: 2.5×2.0×0.80 mm

2N Series SMD Crystal Oscillator

## Features

- 2520 size, 0.80mm high, ultra small SMD seam sealed clock oscillator unit.
- Low voltage operation.
- Frequency range: 4MHz ~75MHz
- 3-state function.
- Automatic mounting and reflow soldering.
- Applications: WLAN, Bluetooth, DSC, PC, Mobile phone, TV, DVC, Telecommunications, HDD , etc.
- Low current consumption.
- RoHS Compliant / Pb-Free.



## Electrical Specifications

Item /Type	2N (SMD 2520 Crystal Oscillator)
Output Type	CMOS
Output Load	15pF, or specify
Oscillation Mode	Fundamental
Supply Voltage	3.3V (1.8V, 2.5V available)
Frequency Range	4 ~ 75 MHz
Frequency stability	±25ppm, ±50ppm
Operating Temperature Range	-20~+70°C, -40~+85°C, or specify
Storage Temperature Range	-55~+125°C
Voltage Vol (Max.) / Voh (Min.)	0.1VDD / 0.9VDD
Rise(Tr) / Fall(Tf) Time	5ns Max.
Supply Current	10mA Max.
Symmetry	45~55%
Start-up Time	5ms Max.
Phase Jitter (12KHz~20MHz)	1ps Max.
Aging (at 25°C)	±3ppm/Year Max.

## Dimensions

Units:mm

